



Product Evaluation

DR786 | 1016

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-786

Effective Date: October 1, 2016

Re-evaluation Date: September 2020

Product Name: 8'-0" Flush Glazed Plastpro Entry Fiberglass Doors, In-Swing, Single & Double, with and without Sidelites, Impact Resistant

Manufacturer: Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA 90045
(440)969-9773

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door, Inswing; (X)	Inswing +50/-55 PSF	TX-4596
2	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)	Inswing +50/-55 PSF	TX-4596
3	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelites & Combination Reinforced Mullion, Inswing; (OXO)	Inswing +50/-55 PSF	TX-4596
4	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door, Inswing; (XX)	Inswing +50/-55 PSF	TX-4597
5	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced Mullion, Inswing; (OXXO)	Inswing +50/-55 PSF	TX-4597

Component Dimensions:

System	Overall Size	Door Panel Size	Door Daylight Opening	Sidelite Panel Size	Sidelite Daylight Opening
1	37-1/2" x 98"	35-3/4" x 95-1/4"	25" x 79"	NA	NA
2	75-1/2" x 98"	35-3/4" x 95-1/4"	25" x 79"	35-3/4" x 95-1/4"	25" x 79"
3	113-1/2" x 98"	35-3/4" x 95-1/4"	25" x 79"	35-3/4" x 95-1/4"	25" x 79"
4	74" x 98"	35-3/4" x 95-1/4"	25" x 79"	NA	NA
5	148-1/2" x 98"	35-3/4" x 95-1/4"	25" x 79"	35-3/4" x 95-1/4"	25" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	4	Install hardware and components in accordance with Plastpro drawings: TX-4596 and TX-4597, both dated 1/13/2016, signed & sealed by Lyndon F. Schmidt, P.E. on 2-2-2016.
	Kwikset: Knob: Signature Series Deadbolt: 660 Series or Schlage: Knob: F51 Series Deadbolt: B60N Series or Yale: Knob: New Tradition Series Deadbolt: YH82 Series or Endura Multipoint Lock (3 pt): Products: Trilennium 3000 Series	1 each	

Product Identification (Manufacturer Label on Door):

System		
1,2,3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro
	Product Name	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ & w/out Boxed Sidelites, Inswing
	Drawing	TX-4596
	Test Standards	ASTM E 330-02, ASTM E 1886-05/1996-09
4,5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro
	Product Name	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door w/ & w/out Boxed Sidelites, Inswing
	Drawing	TX-4597
	Test Standards	ASTM E 330-02, ASTM E 1886-05/1996-09

Impact Resistance:

System	Impact Resistant	Requirement
1-5	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to, or smaller than those specified are acceptable with the limitations specified in this report.

Sidelites: Sidelites must only be used with doors. Sidelites must not be installed individually.

Installation:

System		
1-5	Type of Installation	Install Doors and Sidelites in accordance with Plastpro drawings TX-4596 and TX-4597, both dated 1/13/2016, signed & sealed by Lyndon F. Schmidt, P.E. on 2/2/2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.